What is claimed is:

1. A system for remote communication with a medical device comprising

a medical device, the medical device adapted to be implanted into a patient;

a server PC communicating with the medical device, the SPC having means for transmitting data across a dispersed data communication pathway (Internet); and

a client PC having means for receiving data transmitted across a dispersed communication pathway from the SPC.

2. The system according to claim 1 wherein the SPC having means for transmitting data across a dispersed data communication pathway (Internet) along a first channel and a second channel; and

the client PC having means for receiving data transmitted across a dispersed communication pathway from the SPC along a first channel and a second channel.

3. The system according to claim 1 further comprising a programmer, the programmer coupled to the SPC and providing a means for interacting with an medical device.

4. The system according to claim 3 wherein the means for interacting with an medical device comprise a means for testing the medical device.

5. · The system according to claim 4 wherein the programmer has means for sensing a connection interruption between the client and server or the server and programmer.

6. The system according to claim 5 wherein the programmer has means for terminating any testing being performed by the medical device should the means for sensing the connection interruption sense a connection interruption.

7. The system according to claim 3 wherein the means for interacting with an medical device comprise means for interrogating the medical device

8.   The system according to claim 3 wherein the means for interacting with an medical device comprise means for downloading data from the medical device

9.   The system according to claim 3 wherein the means for interacting with an medical device comprise means for uploading data to the medical device

10.   The system according to claim 1 wherein the client PC has means for communicating across a dispersed data communication pathway (Internet) to the SPC.

11.   The system according to claim 1 wherein the client PC has means for classifying client users as either a first client user or a second client user.

12.   The system according to claim 1 wherein the client PC has means for classifying client users as either a first client user or a second client user or a third client user or a fourth client user.

13.   The system according to claim 11 further comprising mean for providing a first user interface to the first client user upon the classification of the client user as a first client user.

14.   The system according to claim 13 further comprising mean for providing a second user interface to the client user upon the classification of the client user as a second client user.

15.   The system according to claim 11 further comprising mean for limiting access to the medical device upon the classification of the client user as a first client user.

16.   The system according to claim 15 wherein the mean for limiting access to the medical device upon the classification of the client user as a first client user comprises mean for permitting the first client user to only observe medical device operation.

17.   The system according to claim 12 further comprising the medical device has means for storing information, and wherein the mean for limiting access to the medical device upon the classification of the client user as a first client user comprises mean for permitting the first client userto only retrieve information stored in the medical device.

18.   The system according to claim 12 wherein the means for classifying client users and limiting access to the medical device based on the classification comprises means for classifying and client users and limiting access to the medical device to only

19.   The system according to claim 1 wherein the means for transmitting data across a dispersed data communication pathway (Internet) comprises means for transmitting data in one or more data packets.

20.   The system according to claim 19 wherein the one or more data packets each have a confirmation receipt whereby the client, upon receipt of each of the one or more data packets, transmits back to the SPC that the one or more data packets was received.

21.   The system according to claim 19 wherein the one or more data packets do not have a confirmation receipt.

22.   The system according to claim 1 wherein the means for transmitting data across a dispersed data communication pathway (Internet) comprises means for transmitting data in one or more data packets using a first data protocol and a second data protocol.

23.   The system according to claim 22 wherein second data protocol includes data packet receipt information.

24.   The system according to claim 1 wherein the server has means for accepting a first handshake data packet from the client.

25.   The system according to claim 1 wherein the first handshake data packet from the client instructs the server to only accept data from the IP address of the client.

26.   The system according to claim 1 wherein the server has means for limiting the acceptance of instructions to the server by the client at the first IP address.

27..   The system according to claim 1 wherein the SPC has means for communicating to the medical device through an electromagnetic coupling

28.   The system according to claim 27 wherein the electromagnetic coupling comprises a head transmitting and receiving electromagnetic signals to the medical device

29.   The system according to claim 1 wherein the SPC has means for transmitting an applet to the client.

30.   The system according to claim 29 wherein the applet comprises an executable program which performs tasks on the client without having to send a request back to the server.

31.   The system according to claim 1 wherein the medical device has means for generating Java applets.

32.   The system according to claim 1 wherein the server has means for determining the delay between data sent from the server to its receipt by the client, the client having means for displaying to a user the determined delay at pre-selected times.

33   A system for communicating with an medical device comprising:
        a programmer, the programmer receiving data from an implanted device;
        a means for dis-assembling the received data into formatted packets of data for transmission through a dispersed communication pathway (Internet);

means for transmitting the formatted through a dispersed communication pathway (Internet).

34.   The system according to claim 33 further comprising a means for re -assembling formatted packets of data into re-produced data, the re-produced data corresponding to the received data.

35.   The system according to claim 34 further comprising a PC to display the re-produced datawherein the PC has inputs to input commands to the implanted device.